



Login: Register

[Home](#) [Browse](#) [Search](#) [My Settings](#) [Alerts](#) [Help](#)

## Quick Search

All fields

Author



search tips

Journal/book title

Volume

Issue

Page

Clear

## 40 articles found for: "smart card" attack flashes of light

[Edit Search](#) | [Save Search](#) | [Save as Search Alert](#) | [RSS Feed](#)

= Full-text available = Abstract only

Font Size:

### Search Within Results:

Search



Email Articles

Download PDFs



Export Citations

Open All Previews

Sort by:

**Relevance** | Date

### Refine Results

Limit To

Exclude

#### Content Type

☐ Journal (14)

☐ Book (26)

#### Journal/Book Title

☐ Computer Networks (4)

☐ Information Security Technical Report (4)

☐ Scene of the Cybercrime (Second Edition) (3)

☐ Smart Phone and Next Generation Mobile Computin... (3)

☐ Black Hat Physical Device Security (2)

[view more](#)

#### Year

☐ 2009 (2)

☐ 2008 (6)

☐ 2007 (5)

☐ 2006 (6)

☐ 2005 (1)

[view more](#)

Limit To

Exclude

☐ 1.

**Attacking smart card systems: Theory and practice**  
*Information Security Technical Report, In Press, Corrected Proof, Available online 10 July 2009*

Konstantinos Markantonakis, Michael Tunstall, Gerhard Hancke, Ioannis Askoxylakis, Keith Mayes

Preview PDF (445 K) | [Related Articles](#)

☐ 2.

**Overview about attacks on smart cards**  
*Information Security Technical Report, Volume 8, Issue 1, March 2003, Pages 67-84*

Wolfgang Rankl

Preview PDF (207 K) | [Related Articles](#)

☐ 3.

**Balanced self-checking asynchronous logic for smart card applications**

*Microprocessors and Microsystems, Volume 27, Issue 9, October 2003, Pages 421-430*

Simon Moore, Ross Anderson, Robert Mullins, George Taylor, Jacques J. A. Fournier

Preview PDF (495 K) | [Related Articles](#)

☐ 4.

**From smart cards to smart objects: the road to new smart technologies**

*Computer Networks, Volume 36, Issue 4, 16 July 2001, Pages 381-389*

Denis Praca, Claude Barral




Preview PDF (320 K) | [Related Articles](#)




### Abstract




Smart cards are the key for information technology applications such as banking, e-purse and many others. The expanding functionality of smart cards is not fully used by most of the applications, and the number of potential applications is increasing day by day. In some cases, the restricted computing resources of smart cards may result in




limitations. In this paper, potential limitations will be listed and possible solutions will be shown, namely:




- High-capacity cards.
- High-speed data exchange (USB/MMC/Bluetooth).
- Embedded power sources.
- On-board user interface.
- On-board biometrical sensor and user authentication.
- Real time.




5.  **How to defend against smartcard attacks – Or the amazing number of different ways to check a PIN securely**  
*Information Security Technical Report, In Press, Corrected Proof, Available online 3 July 2009*  
 Wolfgang Rankl  
 Preview  PDF (442 K) | Related Articles































6.  **Remote auditing of software outputs using a trusted coprocessor**  
*Future Generation Computer Systems, Volume 13, Issue 1, July 1997, Pages 9-18*  
 Bruce Schneier, John Kelsey  
 Preview  PDF (1061 K) | Related Articles

7.  **Retention of data in heat-damaged SIM cards and potential recovery methods**  
*Forensic Science International, Volume 177, Issue 1, 2 May 2008, Pages 42-46*  
 B.J. Jones, A.J. Kenyon  
 Preview  PDF (447 K) | Related Articles










































8.  **Building a high-performance, programmable secure coprocessor**  
*Computer Networks, Volume 31, Issue 8, 23 April 1999, Pages 831-860*  
 Sean W. Smith, Steve Weingart  
 Preview  PDF (486 K) | Related Articles



9.  **Primary lithium cells**  
*Modern Batteries (Second Edition), 1997, Pages 106-141*  
 Colin A Vincent  
 Preview  PDF (1940 K) | Related Articles



10.  **An introduction to modern cryptology**  
*The History of Information Security, 2007, Pages 565-592*  
 Bart Preneel  
 Preview  Related Articles

- 
-  11.  **GnatDb: A Small-Footprint, Secure Database System**  
*VLDB '02: Proceedings of the 28th International Conference on Very Large Databases, 2002, Pages 884-893*  
Radek Vingralek  
 Preview  PDF (1018 K) | Related Articles
- 
-  12.  **Is internet security a major issue with respect to the slow acceptance rate of digital signatures?**  
*Computer Law & Security Report, Volume 21, Issue 5, 2005, Pages 392-404*  
Aashish Srivastava  
 Preview  PDF (378 K) | Related Articles
- 
-  13.  **SPA—a secure Amulet core for smartcard applications**  
*Microprocessors and Microsystems, Volume 27, Issue 9, October 2003, Pages 431-446*  
L. A. Plana, P. A. Riocreux, W. J. Bainbridge, A. Bardsley, S. Temple, J. D. Garside, Z. C. Yu  
 Preview  PDF (975 K) | Related Articles
- 
-  14.  **Hardware Hacking**  
*Hack Proofing Your Network (Second Edition), 2002, Pages 609-654*  
David R. Mirza Ahmad, Ido Dubrawsky, Hal Flynn, Joe "Kingpin" Grand, Robert Graham, Norris L. Johnson Jr., K2, Dan "Effugas" Kaminsky, F. William Lynch, Steve W. Manzuik, Ryan Permech, Ken Pfeil, Rain Forest Puppy, Ryan Russell  
 Preview  PDF (5882 K) | Related Articles
- 
-  15.  **Mobile Security and Privacy**  
*Smart Phone and Next Generation Mobile Computing, 2006, Pages 335-405*  
Pei Zheng, Lionel Ni  
 Preview  PDF (4617 K) | Related Articles
- 
-  16.  **Terminal Services and XenApp Server Deployment**  
*Securing Citrix Presentation Server in the Enterprise, 2008, Pages 157-258*  
Tariq Bin Azad  
 Preview Related Articles
- 
-  17.  **Fractal: A mobile code-based framework for dynamic application protocol adaptation**  
*Journal of Parallel and Distributed Computing, Volume 66, Issue 7, July 2006, Pages 887-906*  
H. Lufei, W. Shi  
 Preview  PDF (430 K) | Related Articles
- 
-  18.  **Passwords, Vulnerabilities, and Exploits**  
*Scene of the Cybercrime (Second Edition), 2008, Pages 467-503*  
Littlejohn Shinder, Michael Cross  
 Preview Related Articles
- 



Infrastructure Security: Devices and Media


19.   **Security+ (Second Edition), 2007, Pages 357-424**  
Ido Dubrawsky  
 Preview  Related Articles
- 
20.   **Microsoft Vista: Data Protection**  
*Microsoft Vista for IT Security Professionals, 2007, Pages 195-266*  
Anthony Piltzecker, Larry Chaffin, Scott Granneman, Laura E. Hunter, Alun Jones, Jan Kanclirz, Marc Perez, Daniel Sheperd, Matt Sheperd, RobertJ. Shimonski, Henrik Walther  
 Preview  Related Articles
- 
21.   **Taking a Hard Look at Hardware**  
*Black Hat Physical Device Security, 2004, Pages 211-236*  
Drew Miller  
 Preview  PDF (5439 K) |  Related Articles
- 
22.   **Index**  
*Hack Proofing Your Network (Second Edition), 2002, Pages 767-789*  
David R. Mirza Ahmad, Ido Dubrawsky, Hal Flynn, Joe "Kingpin" Grand, Robert Graham, Norris L. Johnson Jr., K2, Dan "Effugas" Kaminsky, F. William Lynch, Steve W. Manzuik, Ryan Permeh, Ken Pfeil, Rain Forest Puppy, Ryan Russell  
 Preview  PDF (3099 K) |  Related Articles
- 
23.   **Index**  
*Black Hat Physical Device Security, 2004, Pages 353-363*  
Drew Miller  
 Preview  PDF (1930 K) |  Related Articles
- 
24.   **The Next Wave of Computing**  
*Smart Phone and Next Generation Mobile Computing, 2006, Pages 23-97*  
Pei Zheng, Lionel Ni  
 Preview  PDF (5967 K) |  Related Articles
- 
25.   **Finalizing the Installation**  
*Integrated Security Systems Design, 2007, Pages 407-432*  
Thomas Norman CPP, PSP, CSC  
 Preview  Related Articles
- 
26.   **Foreword**  
*MCSE (Exam 70-293) Study Guide, 2003, Pages xxxvii-liii*  
Martin Grasdal, Laura E. Hunter, Michael Cross, Laura Hunter, Debra Littlejohn Shinder, Thomas W. Shinder  
 Preview  PDF (2742 K) |  Related Articles
- 
27.   **The Evolution of Cybercrime**  
*Scene of the Cybercrime (Second Edition), 2008, Pages 41-75*  
Littlejohn Shinder, Michael Cross  
 Preview  Related Articles
-

-  28. 



**Wireless Networking**  
*The Best Damn Cisco Internetworking Book Period, 2003, Pages 189-303*  
 Charles Riley, Michael E. Flannagan CCIE, Ron Fuller CCIE, Umer Khan CCIE, Wayne A. Lawson II CCIE, Keith O'Brien CCIE., Martin Walshaw CCIE  
 Preview  PDF (13518 K) | Related Articles



---

-  29. 



**iPod, Cell Phone, PDA, and BlackBerry Forensics**  
*Scene of the Cybercrime (Second Edition), 2008, Pages 347-379*  
 Littlejohn Shinder, Michael Cross  
 Preview Related Articles


---

-  30. 



**Index**  
*Managing Cisco Network Security (Second Edition), 2002, Pages 721-751*  
 Eric Knipp, Brian Browne, Woody Weaver, C. Tate Baumrucker, Larry Chaffin, Jamie Caesar, Vitaly Osipov, Edgar Danielyan  
 Preview  PDF (4913 K) | Related Articles


---

-  31. 



**Auditing and Security Incidents**  
*Securing Citrix Presentation Server in the Enterprise, 2008, Pages 667-728*  
 Tariq Bin Azad  
 Preview Related Articles



---

-  32. 



**Information Technology in Critical Care**  
*Pediatric Critical Care (Third Edition), 2006, Pages 84-105*  
 Steven Pon, Barry P. Markovitz, Carl G.M. Weigle  
 Preview Related Articles


---

-  33. 



**The Wireless Challenge**  
*Hackproofing Your Wireless Network, 2002, Pages 1-74*  
 Christian Barnes, Tony Bautts, Donald Lloyd, Eric Ouellet, Jeffrey Posluns, David M. Zendzian, Neal O'Farrell  
 Preview  PDF (10368 K) | Related Articles



---

-  34. 



**Digital Transmission—Video, Communications, Control CCTV Surveillance (Second Edition), 2006, Pages 199-249**  
 Herman Kruegle, Frank Abram  
 Preview Related Articles


---

-  35. 

**Report highlights**  
*Information Security Technical Report, Volume 3, Issue 4, 1998, Pages 3-14*  
 Preview  PDF (909 K) | Related Articles









---

-  36. 

**Foreword**  
*Security+ (Second Edition), 2007, Pages xv-xxi*  
 Ido Dubrawsky  
 Preview Related Articles









---

### Mobile Application Challenges



37.   **Smart Phone and Next Generation Mobile Computing, 2006, Pages 407-512**  
Pei Zheng, Lionel Ni  
 Preview  PDF (8122 K) | Related Articles
- 
38.   **The Ninja architecture for robust Internet-scale systems and services**  
*Computer Networks, Volume 35, Issue 4, March 2001, Pages 473-497*  
Steven D. Gribble, Matt Welsh, Rob von Behren, Eric A. Brewer, David Culler, N. Borisov, S. Czerwinski, R. Gummadi, J. Hill, A. Joseph, R. H. Katz, Z. M. Mao, S. Ross, B. Zhao  
 Preview  PDF (578 K) | Related Articles

### Abstract

The Ninja project seeks to enable the broad innovation of robust, scalable, distributed Internet services, and to permit the emerging class of extremely heterogeneous devices to seamlessly access these services. Our architecture consists of four basic elements: bases, which are powerful workstation cluster environments with a software platform that simplifies scalable service construction; units, which are the devices by which users access the services; active proxies, which are transformational elements that are used for unit- or service-specific adaptation; and paths, which are an abstraction through which units, services, and active proxies are composed.

39.   **A configurable cryptography subsystem in a middleware framework for embedded systems**  
*Computer Networks, Volume 46, Issue 6, 20 December 2004, Pages 771-795*  
A. David McKinnon, David E. Bakken, John C. Shovic  
 Preview  PDF (522 K) | Related Articles
- 
40.   **Mostly True Predictions**  
*Islands in the Clickstream, 2004, Pages 151-180*  
Richard Thieme, Andrew Briney  
 Preview  PDF (3122 K) | Related Articles

**40 articles found for: "smart card" attack flashes of light**

[Edit Search](#) | [Save Search](#) |  [Save as Search Alert](#) |  [RSS Feed](#)

[Home](#) [Browse](#) [Search](#) [My Settings](#) [Alerts](#) [Help](#)



[About ScienceDirect](#) | [Contact Us](#) | [Information for Advertisers](#) | [Terms & Conditions](#) | [Privacy Policy](#)

Copyright © 2009 Elsevier B.V. All rights reserved. ScienceDirect® is a registered trademark of Elsevier B.V.